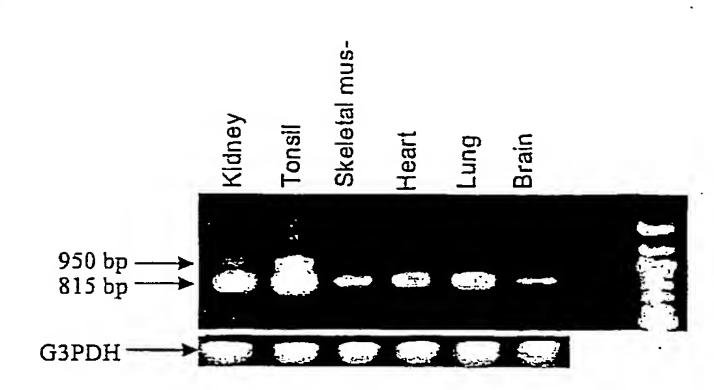
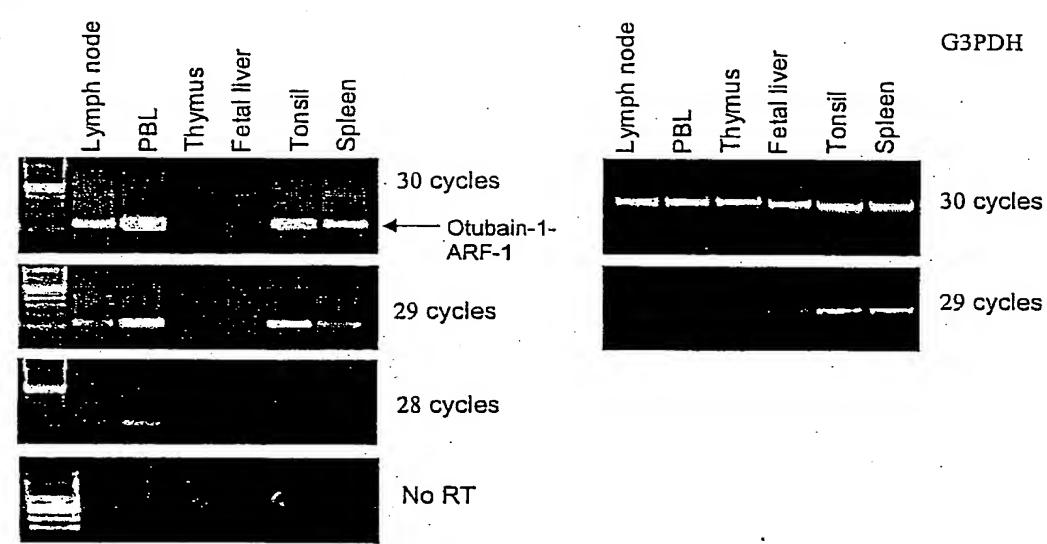
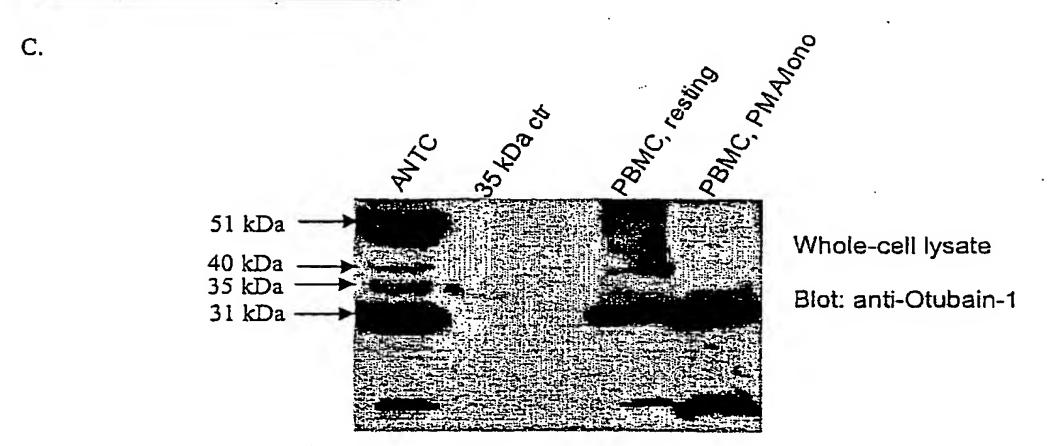
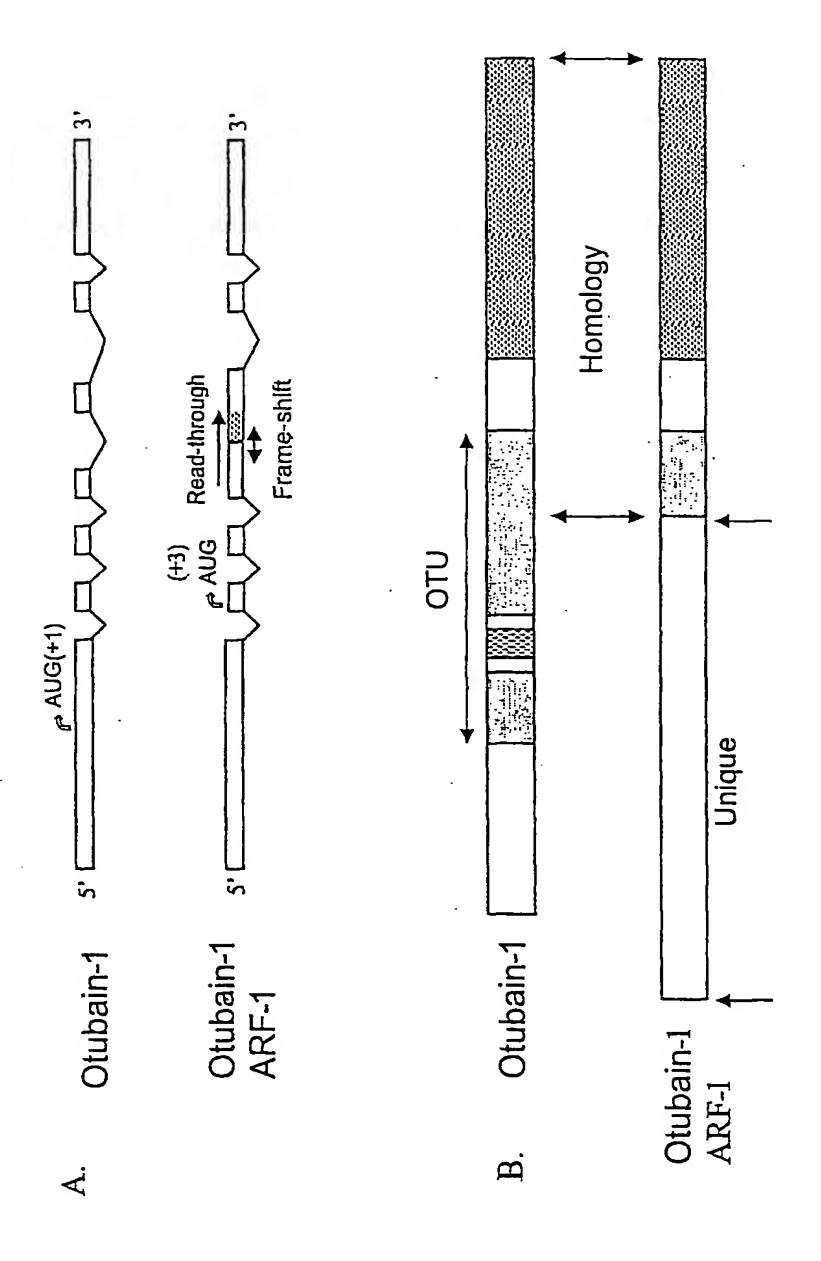
FIG1









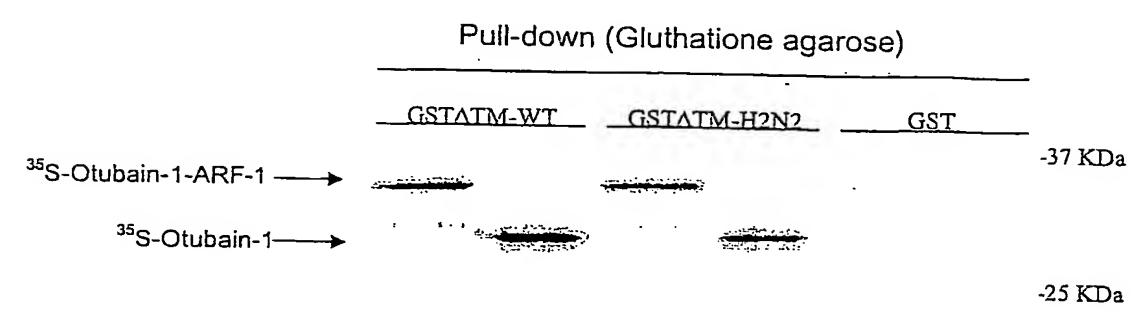


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	maakepoookoepigsdsegvnclaydeaimaoodriooeiavonpluser 51
ARF-1	MMKPSWLSRTEFSKRLLCRTLWCQS-GWSSRSYTRSMLKMTTSINRRSRTSTKSTRTSAR 59
	* *
Orbi	LELSVLYKEYAEDDNIY
ARF- 1	PGLTATVSIGLSD8PTWRHCWMTARSCSGEKGGHWAPRQVGVYLLPGRVGCVSSRVSPSF 119
	*
Otbl	DGNCFYRAFGFSHLEALLDDSKELQRFKAVSAKSKEDLVSQGFTEFTI 135
ARF-1	PGDGLDSGLARRGSAVSALASGLVEEPMLGPPFHPTPRFKAVSAKSKEDLVSQGFTEFTI 179
otbl	EDFHNTFMDLI EQVERQTSVADLLASFNDQSTSDYLVVYLRLLTSGYLQRESKFFEHFIE 195
ARF1-1	EDFHNTFMDLIEQVERQTSVADLLASFNDQSTSDYLVVYLRLLTSGYLQRESKFFEHFIE 239
otbl	GGRTVKEFCQQEVEPMCKESDHIHIIALAQALSVSIQVEYMDRGEGGTTNPHIFPEGSEP 255
ARF- 1	GGRTVKEFCQQEVEPMCKESDHIHIIALAQALSVSIQVEYMDRGEGGTTNPHIFPEGSEP 299
0tb1	KVYLLYRPGHYDILYK 271
ARF- 1	KVYLLYRPGHYDILYK 315

FIG.3

A.



B.

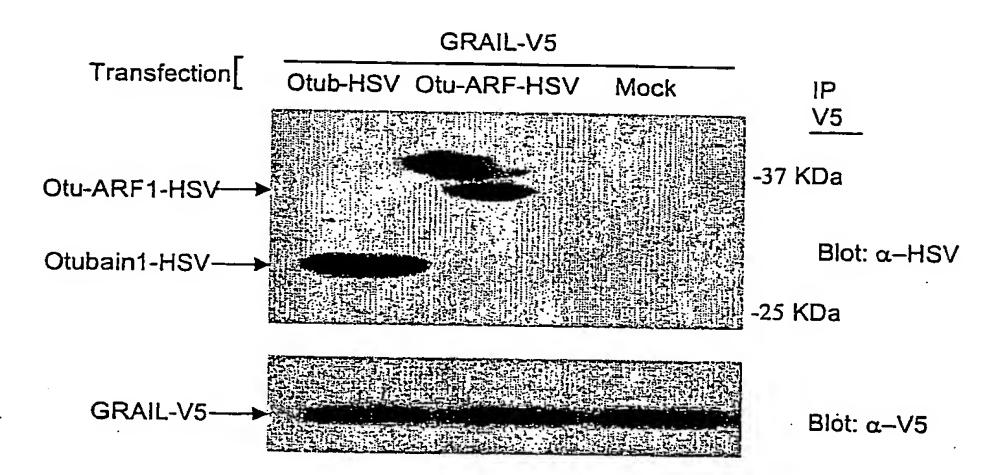
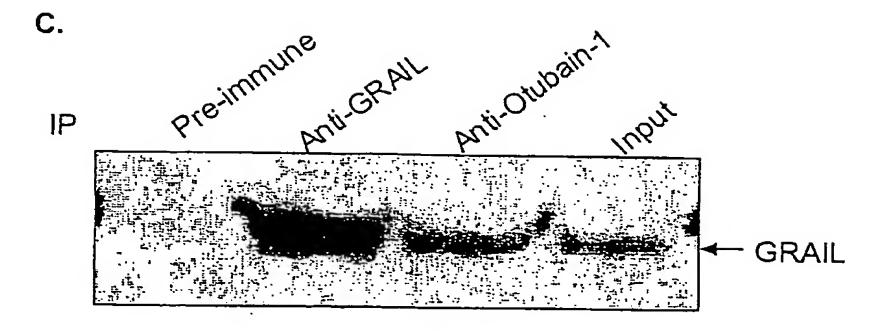
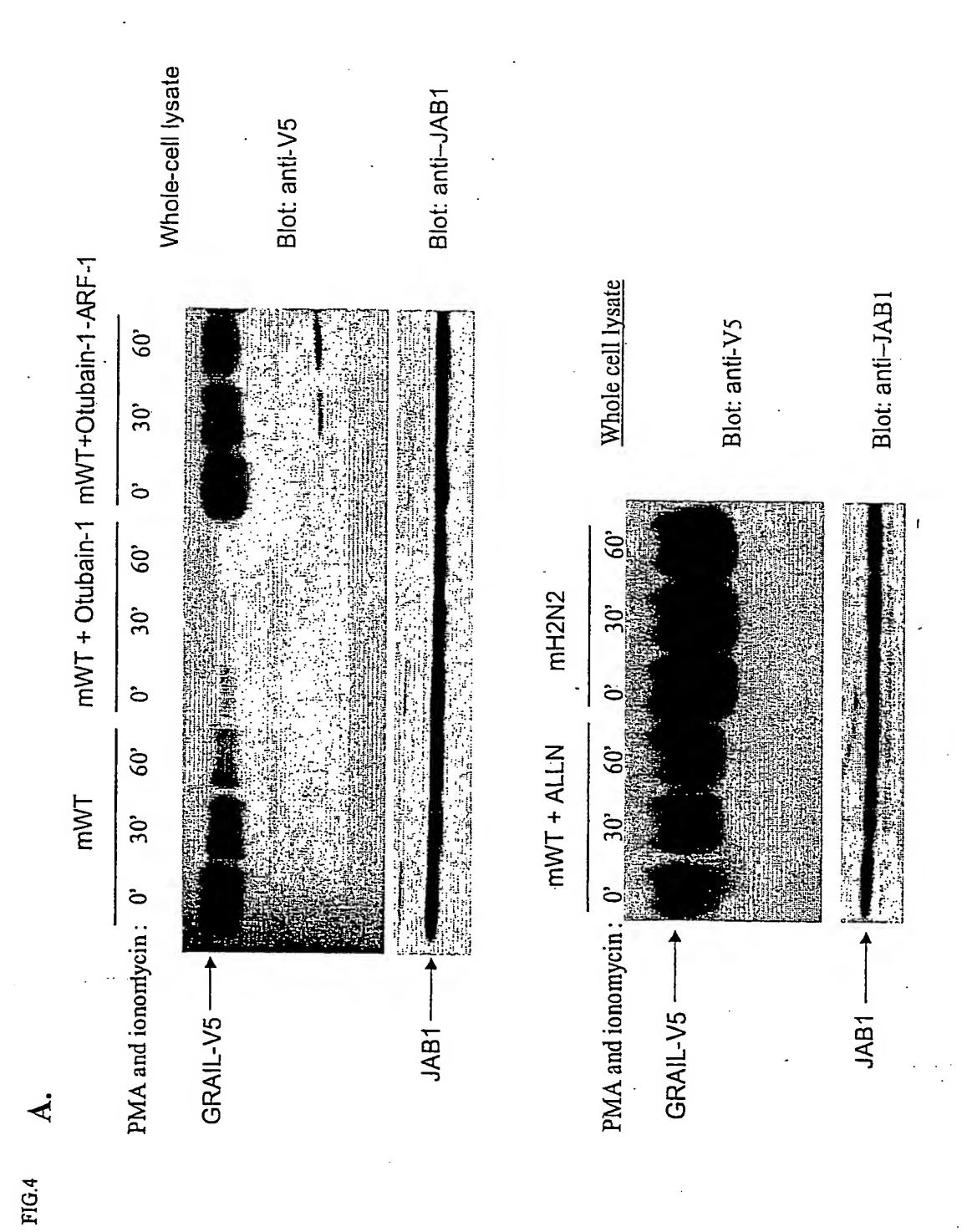


Figure 3



Blot: anti-GRAIL



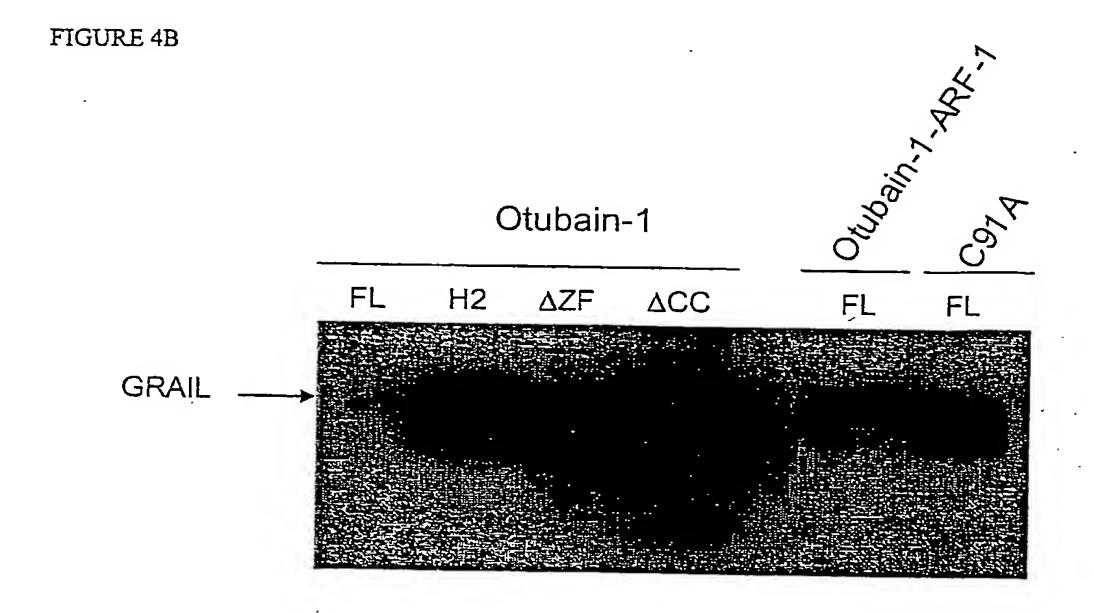
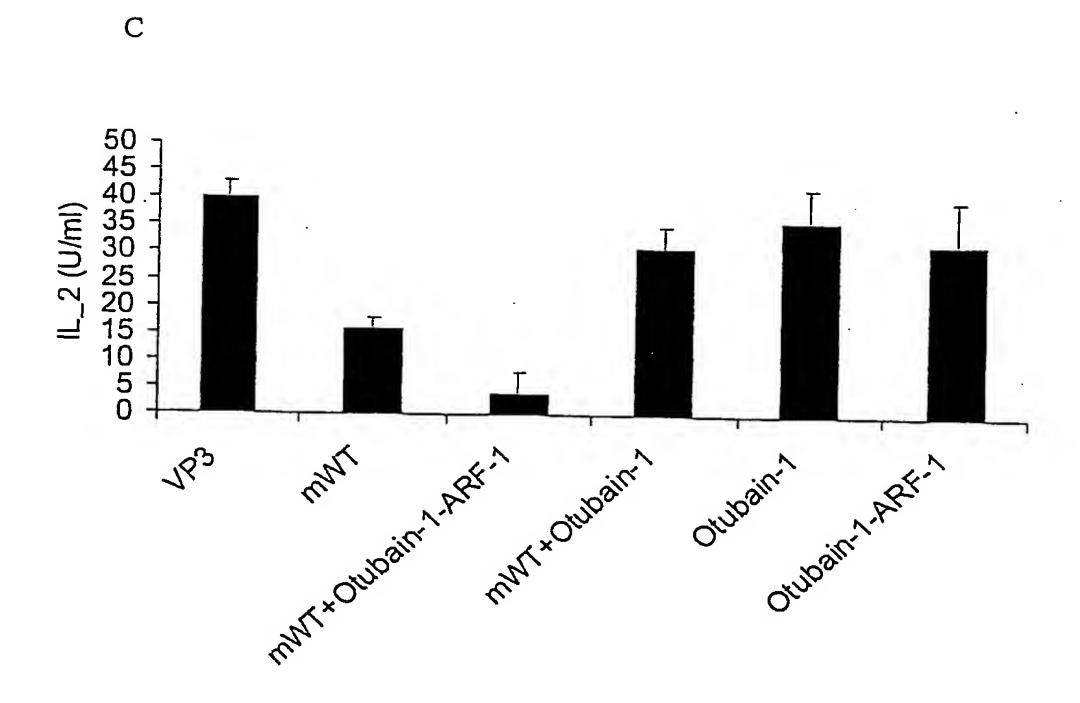


FIGURE 4



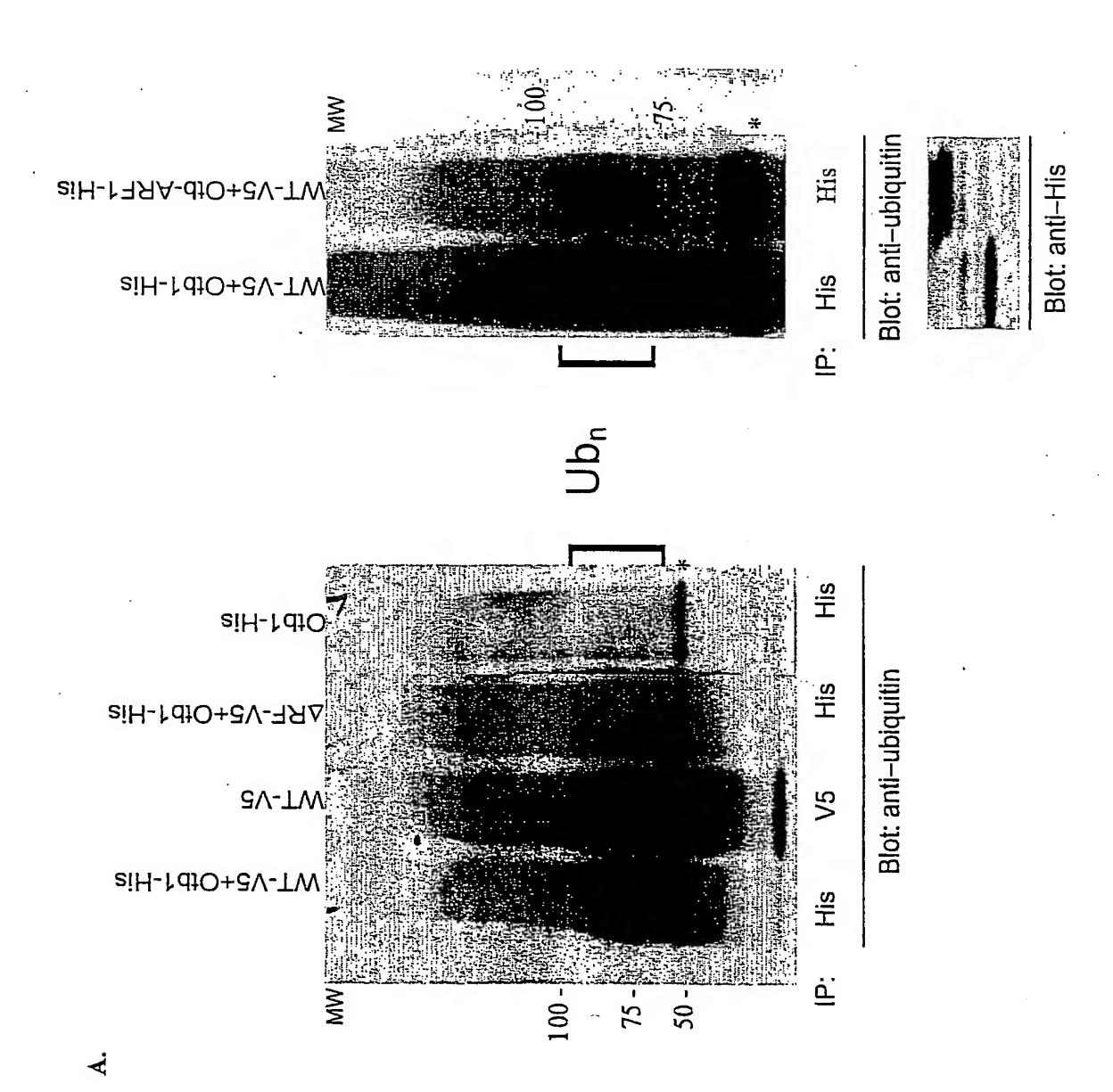
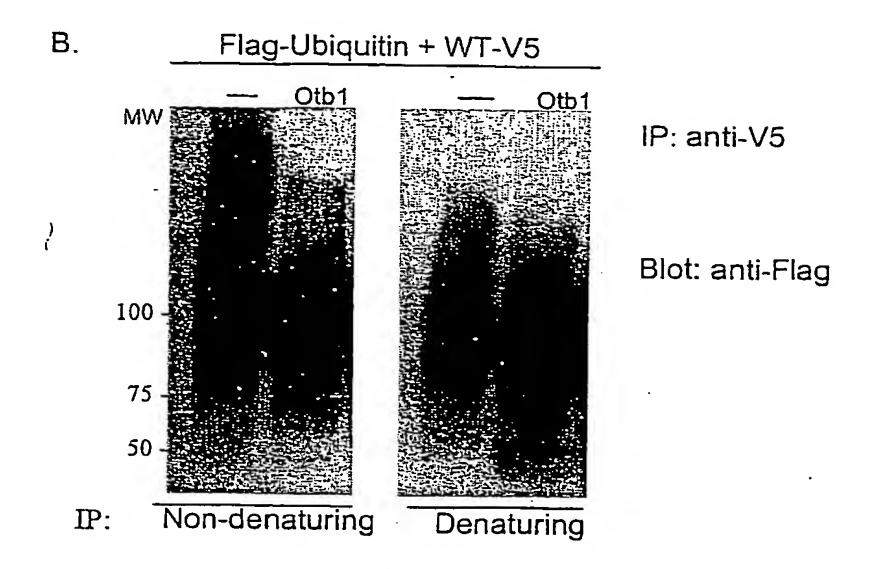


Figure 5



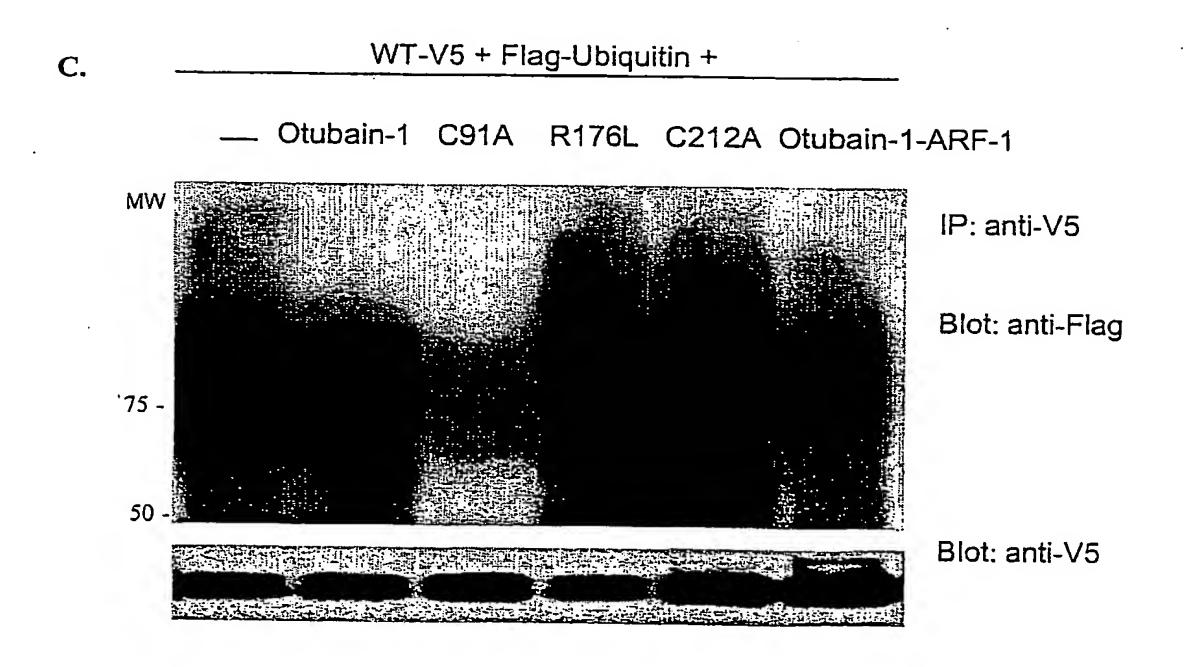
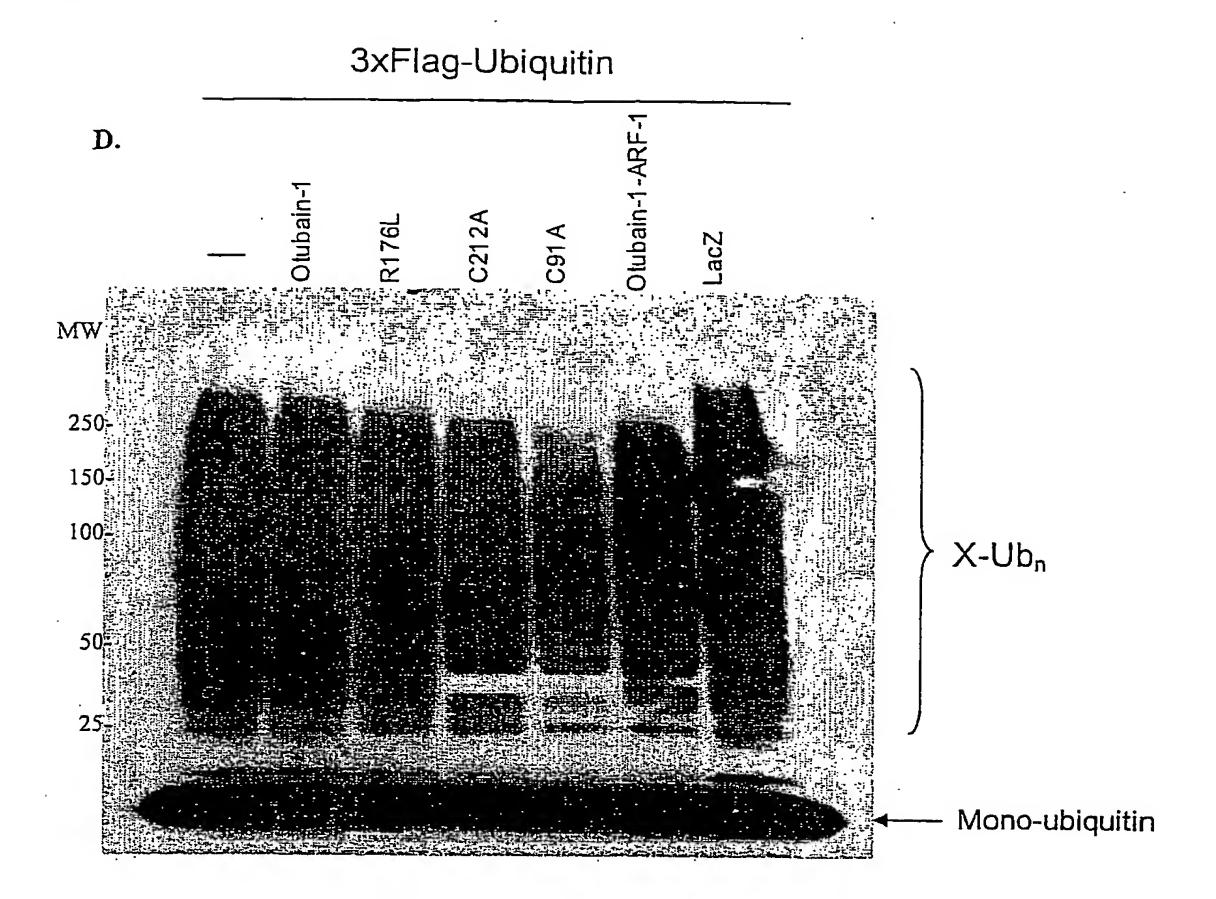


FIG5



Total cell lysate input

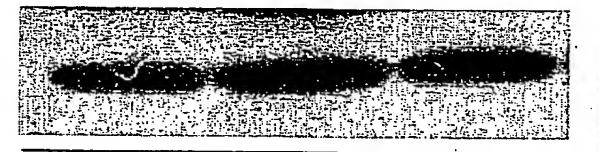
FIG5

E.

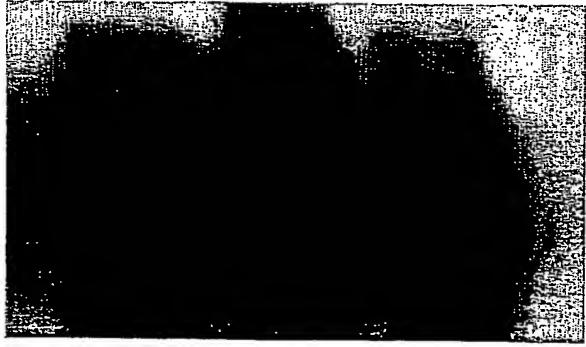
GRAIL-V5 + Flag-Ubiquitin GRAIL-V5 + Flag-Ubiquitin Otubain-1 C91A Otubain-1ARF Otuban-1 C91A Otubain-1-ARF-1 His His His His His His MW -100 -75

IP: anti-V5→ Blot: anti-Flag

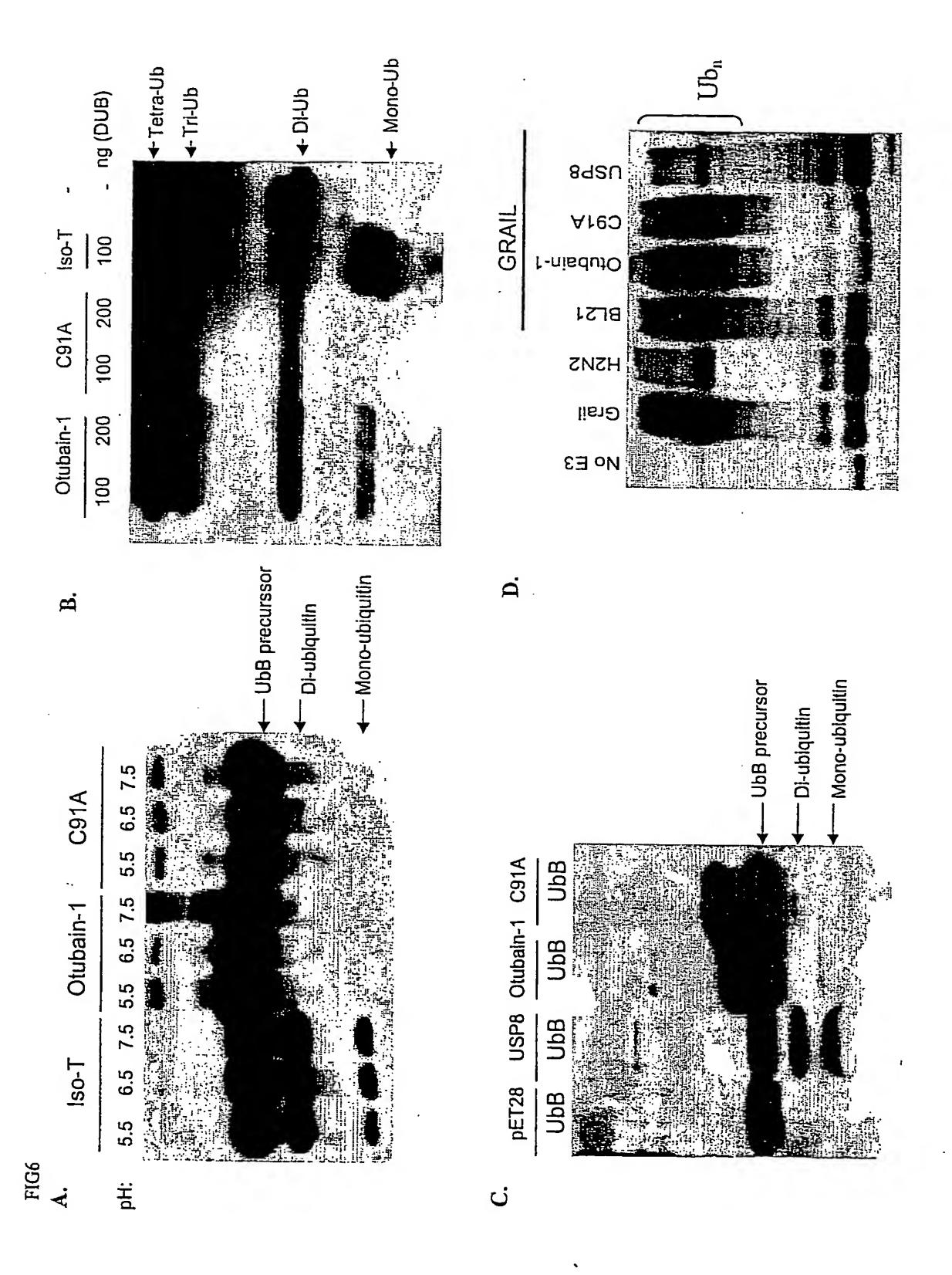
IP: anti-Flag → blot: anti-V5



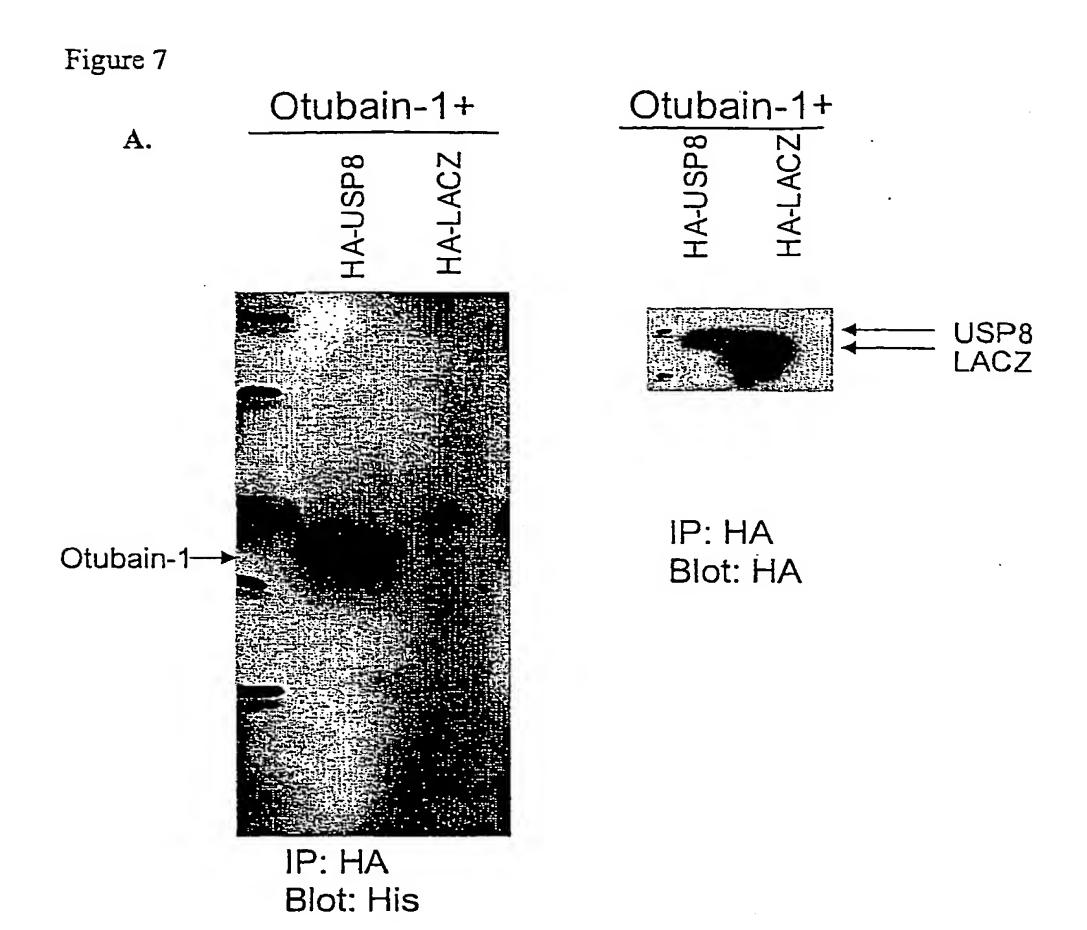
IP: anti-V5 → Blot: anti-V5

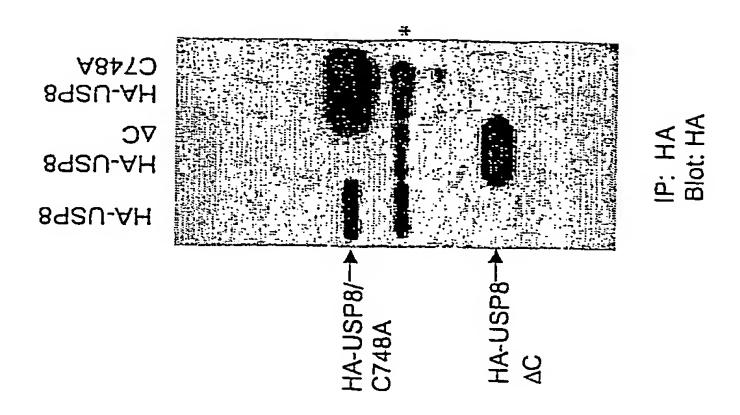


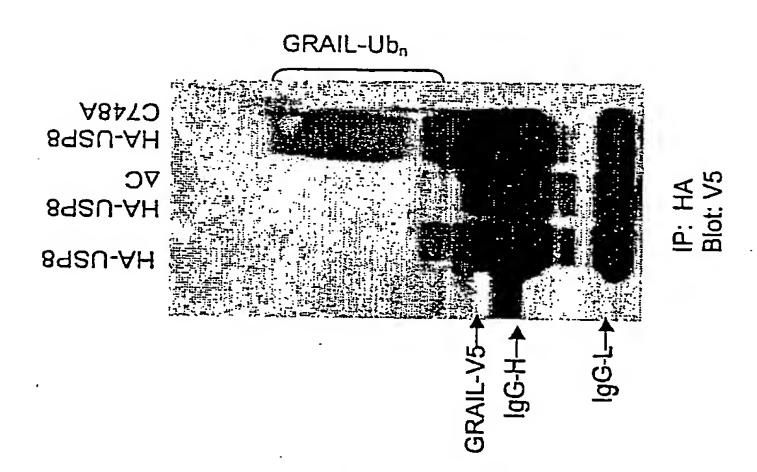
IP: anti-Flag → blot: anti-Flag



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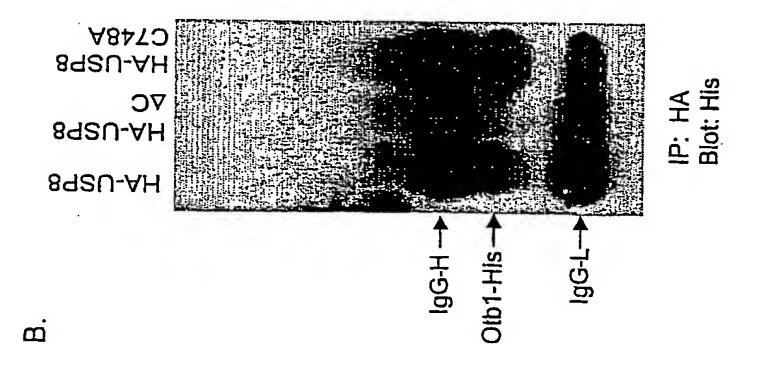


Fig.7

C.

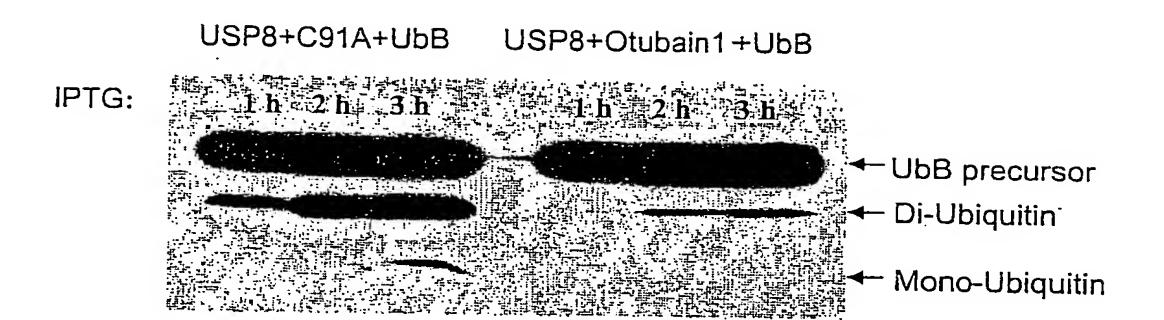
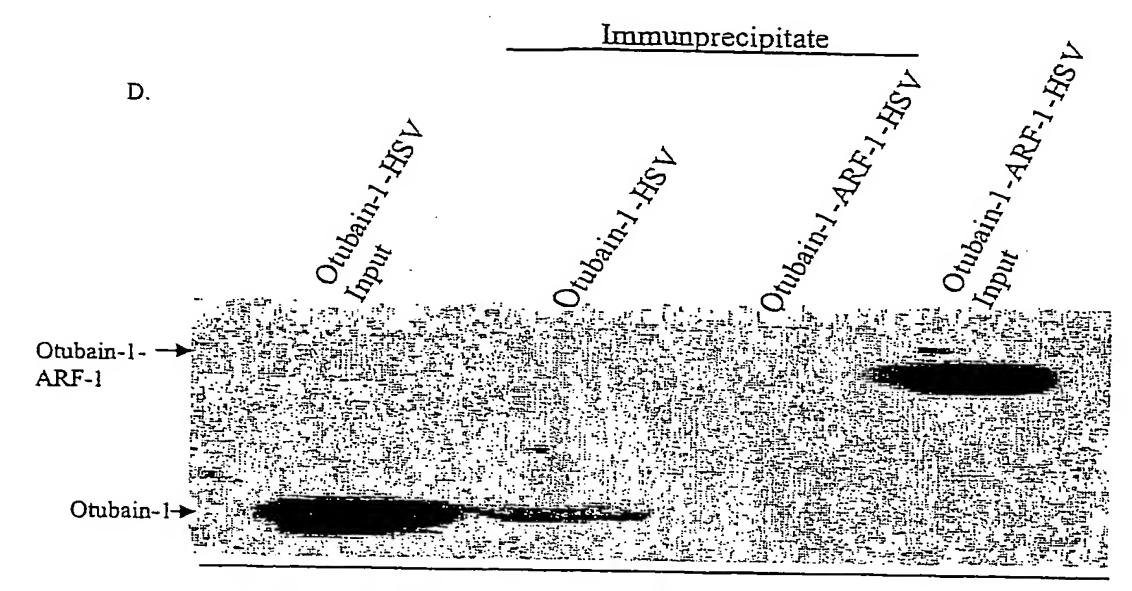


Figure 7



Blot: anti-HSV

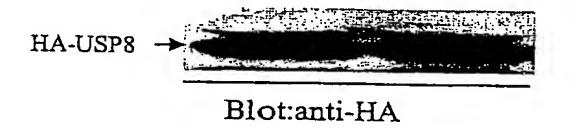


Figure 7

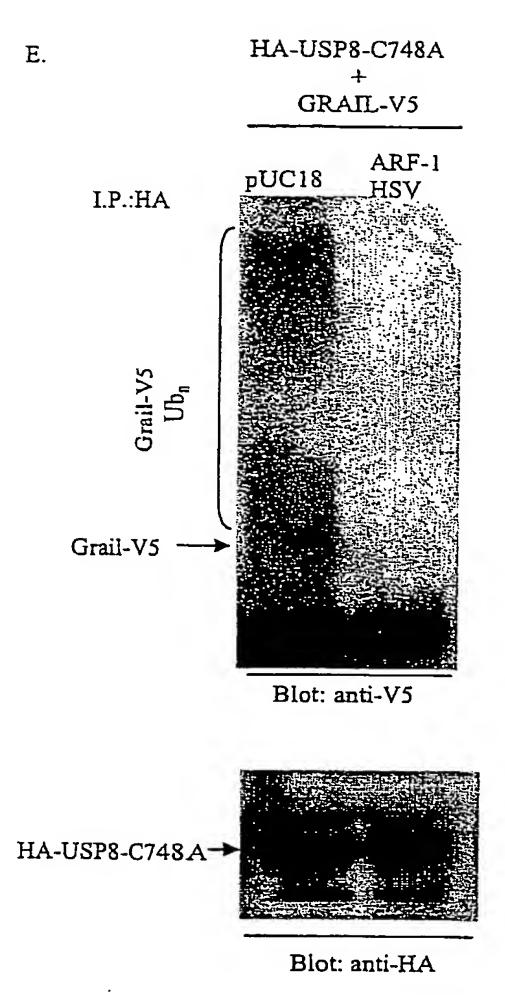


Figure 7

F.

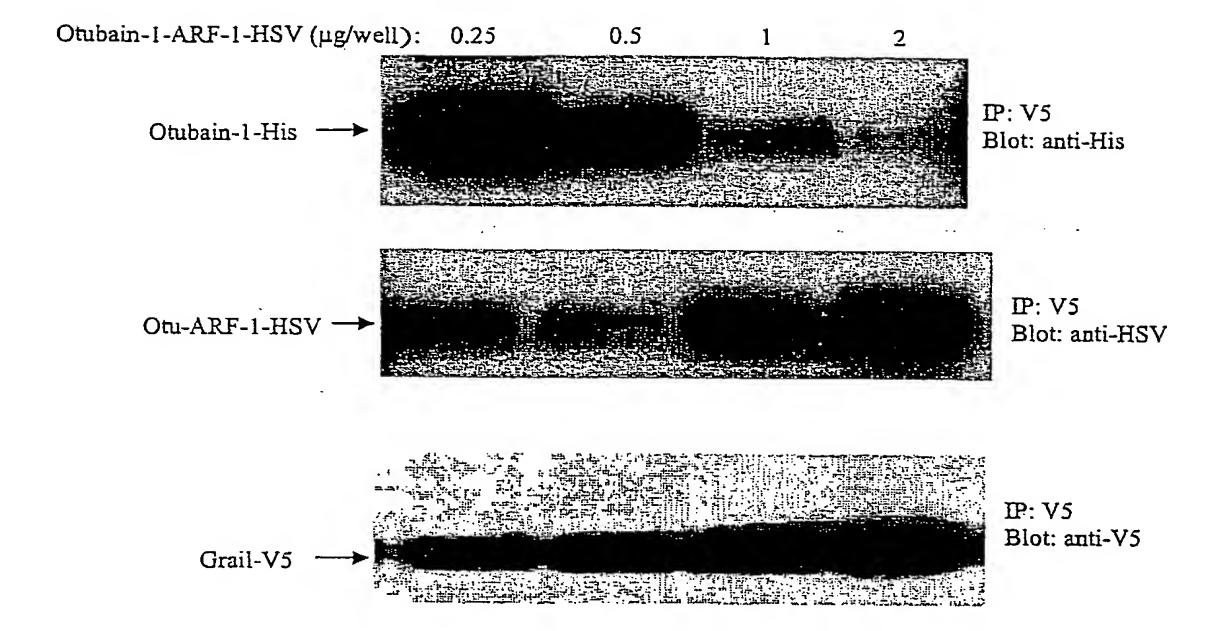
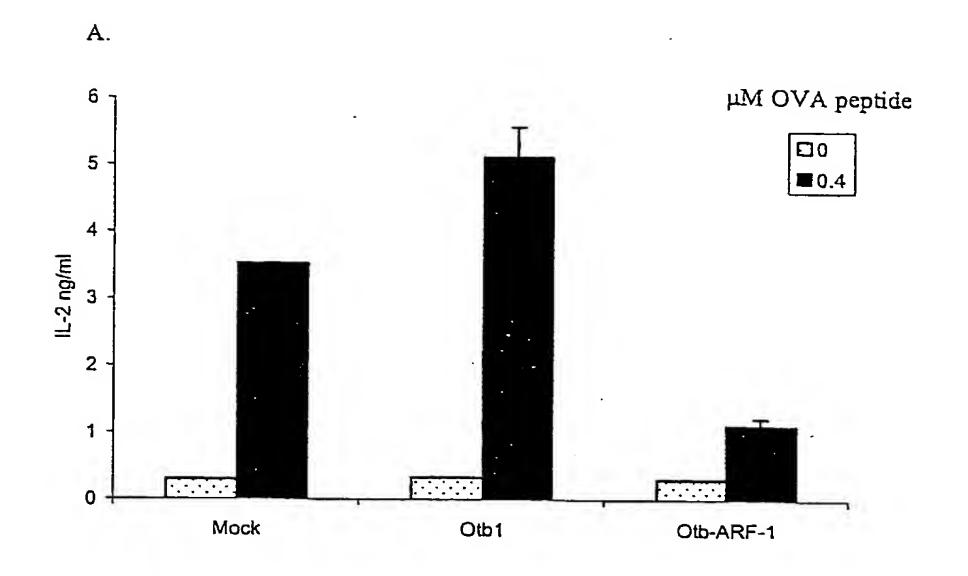
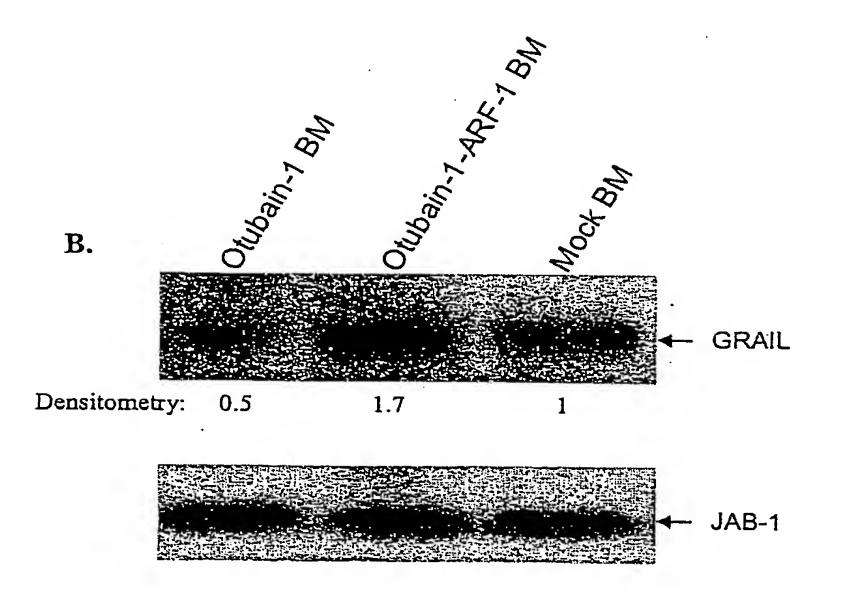


FIG8





## i i

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